

O I P E 14850  
DEC 19 2005  
P A T E N T & T R A D E M A R K  
S E R V I C E

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Keith Moriarty

Serial No.: 10/735323

Filed: December 12, 2003

For: Directional Casing and Liner Drilling with Mud Motor

) Docket No.: 92.1048

)

)

) Group Art Unit: 3672

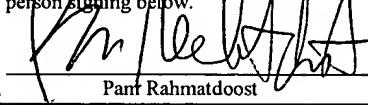
)

) Confirmation No. 2266

)

CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any document referenced as being attached or enclosed hereto) is being deposited with the United States Postal Service in an envelope as First Class Mail addressed to: Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450 on this date by the person signing below.

 Parv Rahmatdoost

12/9/05

Date

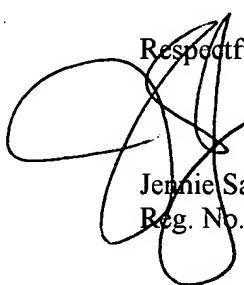
Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The following documents on the Form PTO-1449 are submitted to the United States Patent and Trademark Office under provisions of 37 CFR 1.97-1.98. A copy of each reference is enclosed.

Please charge any necessary fees to the deposit account for Schlumberger Technology Corporation, Account No. 502898.

  
Respectfully Submitted,

Jennie Salazar  
Reg. No. 45065

Schlumberger Technology Corporation  
200 Gillingham Lane  
Sugar Land TX 77478  
Tel: (281) 285-8809  
Fax: (281) 285-8821

12/14/2005 MBIZUNES 00000026 502898 10735323  
02 FC:1806 180.00 DA

Schlumberger Private



Please type a plus sign (+) inside this box →

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	Moriarty
				Group Art Unit	
Examiner Name					
Sheet	1	of	2	Attorney Docket Number	92,1048

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
1	5,117,927			Askew	1992-06-02	
2	5,845,722			Makohl et al.	1998-12-08	
3	5,950,742			Caraway	1999-09-14	
4	5,839,519			Spedale, Jr.	1998-11-24	
5	6,263,987			Vail, III	2001-07-24	
6	5,472,057			Winfrey	1995-12-05	
7	4,842,081			Parant	1989-06-27	
8	5,755,289			Angman et al.	1998-05-26	
9	6,311,792			Scott et al.	2001-11-06	
10	6,227,306			Downie et al.	2001-05-08	
11	6,196,336			Fincher et al.	2001-03-06	
12	6,199,641			Downie et al.	2001-03-13	
13	5,197,553			Leturno	1993-03-30	
14	5,452,967			Fuller	1995-09-26	
15	5,219,028			Martin et al.	1993-06-15	
16	5,456,326			Raines	1995-10-10	
17	6,182,776			Asberg	2001-02-06	
18	6,158,531			Vail, III	2000-12-12	
19	5,662,170			Donovan et al.	1997-09-02	
20	5,255,741			Alexander	1993-10-26	
21	6,102119			Raines	2000-08-15	
22	5,921,332			Spedale, Jr.	1999-07-13	
23	5,082,069			Seilor et al.	1992-01-21	
24	5,957,225			Sinor	1999-09-28	

### U.S. PUBLISHED APPLICATIONS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Publication Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>5</sup>			
1		20020175003		Pisoni et al.	2002-11-28	
2		20020179336		Schaaf et al.	2002-12-05	
3		20020050360		Cook et al.	2002-05-02	
4		20020040787		Cook et al.	2002-04-11	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Country	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>5</sup>			
1		EP0462618A2		Europe	1991-12-27	
2		WO02/14649A1		PCT	2002-02-21	
2		WO01/94739A1		PCT	2001-12-13	
3		WO01/94738A1		PCT	2000-08-31	
4		WO00/50730		PCT	2001-11-15	
5		WO01/86111A1		PCT	2002-02-07	
6		WO02/10549A2		PCT	2001-11-08	
7		WO01/83932A1		PCT	2000-06-29	
8		WO00/37771		PCT		

Examiner Signature \_\_\_\_\_ Date Considered \_\_\_\_\_

It is a criminal offense under Title 18, United States Code, Section 1020 to intentionally falsify information on this form. Any person so convicted may be fined up to \$10,000 and/or imprisoned for up to 5 years.

Please type a plus sign (+) inside this box → 

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

*Complete if Known*

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

Application Number	
Filing Date	
First Named Inventor	Moriarty
Group Art Unit	
Examiner Name	
Attorney Docket Number	92.1048

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Unique citation designation number. <sup>1</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.